

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012090.D
 Acq On : 22 Aug 2019 00:11
 Operator : SY/VA
 Sample : K4403-12
 Misc : 6.46G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-G-(2.5)

Quant Time: Aug 22 07:11:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

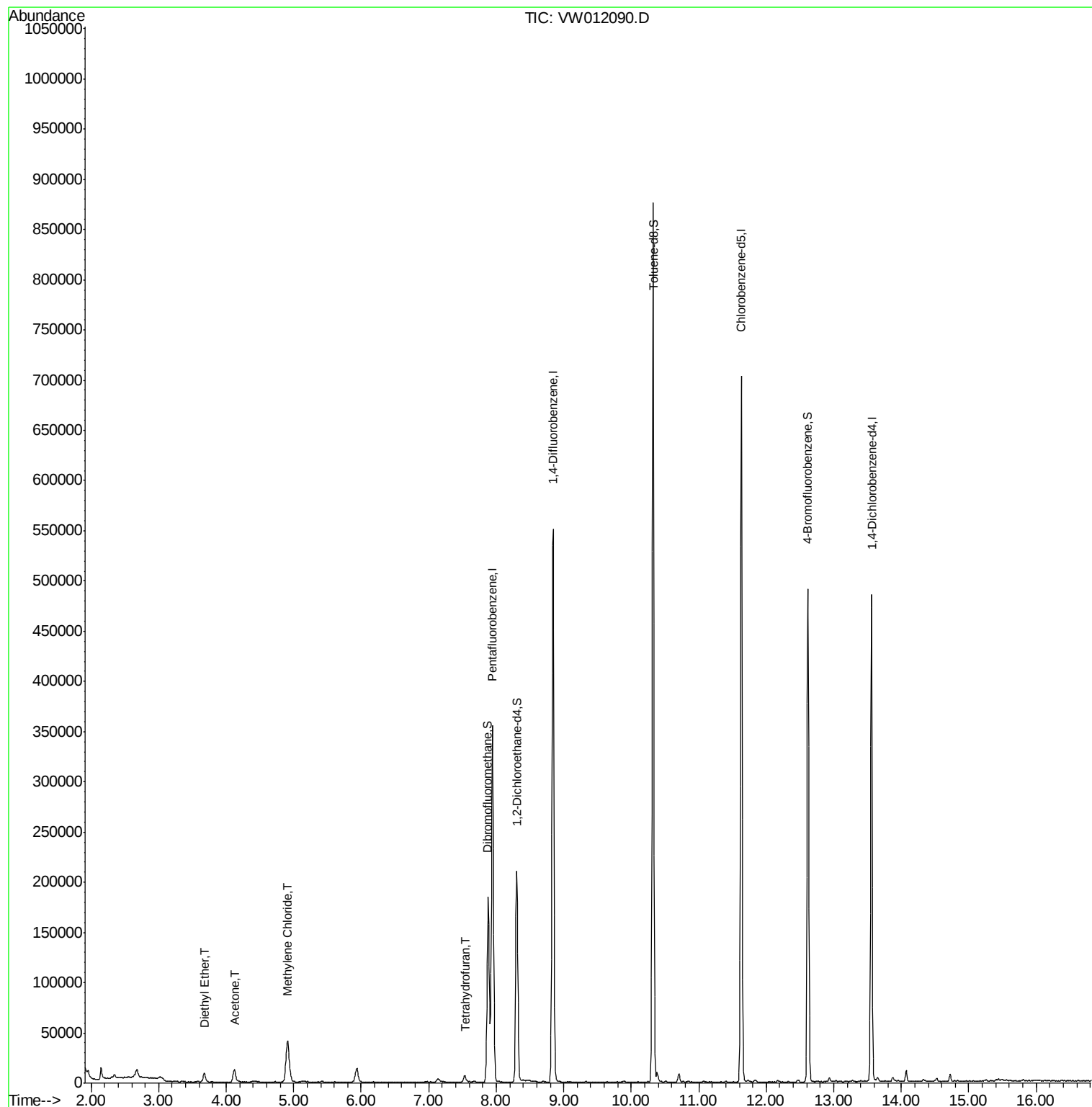
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165980	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	7.88	113	132095	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
50) Toluene-d8	10.32	98	544118	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.62	95	162380	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
8) Diethyl Ether	3.68	74	4464	2.944	ug/l	95
16) Acetone	4.12	43	23726	25.259	ug/l	100
20) Methylene Chloride	4.92	84	31175	9.624	ug/l	98
29) Tetrahydrofuran	7.53	42	5721	8.143	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012090.D

Acq: 22 Aug 2019 00:11

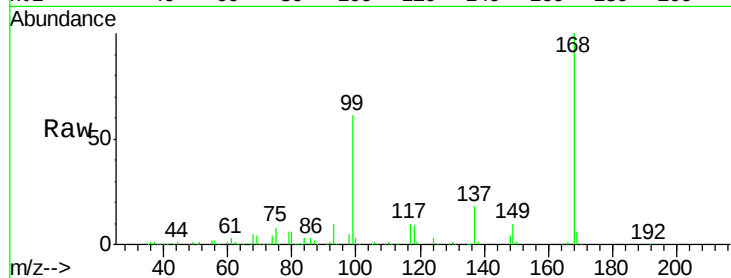
Instrument :
MSVOA_W
ClientSampleId :
T1-G-(2.5)

Tot Ion:168 Resp: 257155

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

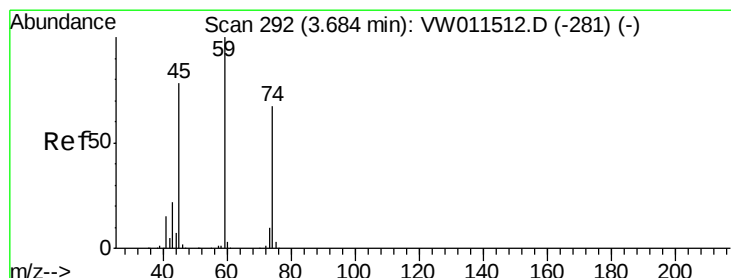
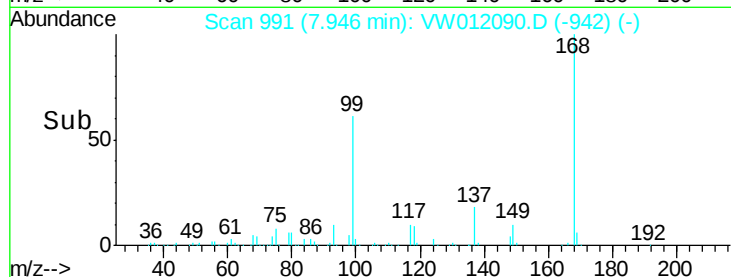
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.944 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012090.D

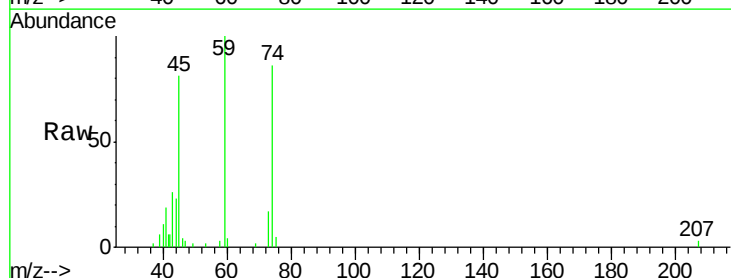
Acq: 22 Aug 2019 00:11

Tgt Ion: 74 Resp: 4464

Ion Ratio Lower Upper

74 100

45 125.0 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2500

2000

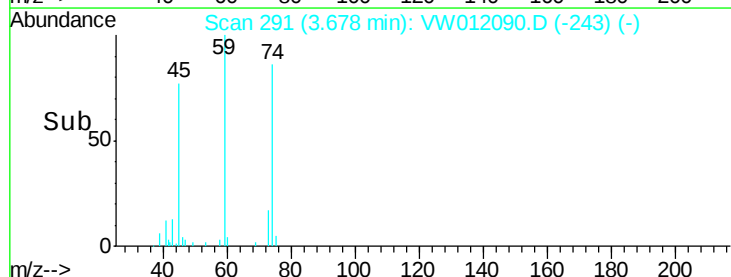
1500

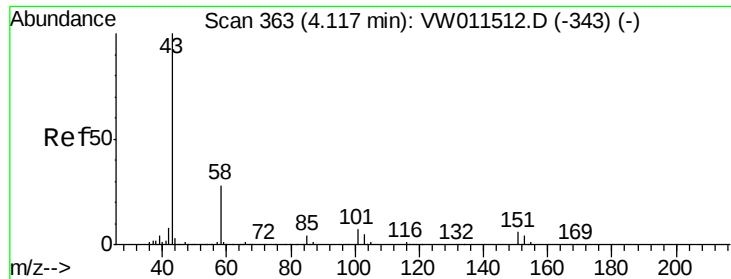
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 25.259 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012090.D

Acq: 22 Aug 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

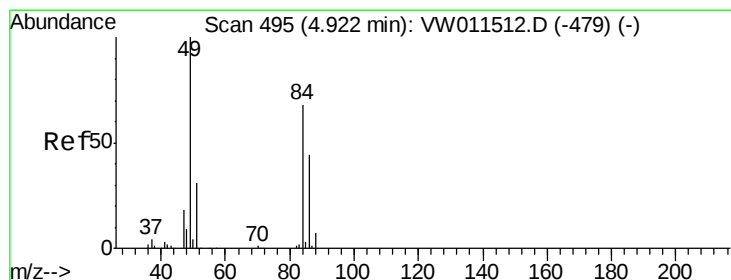
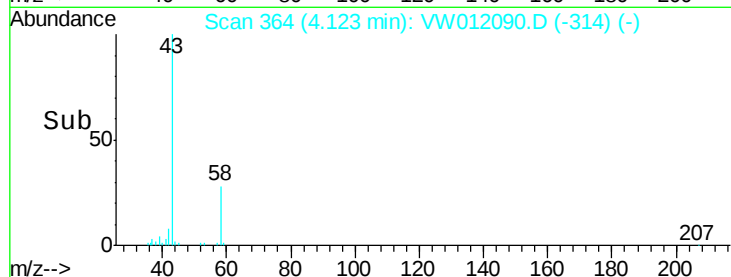
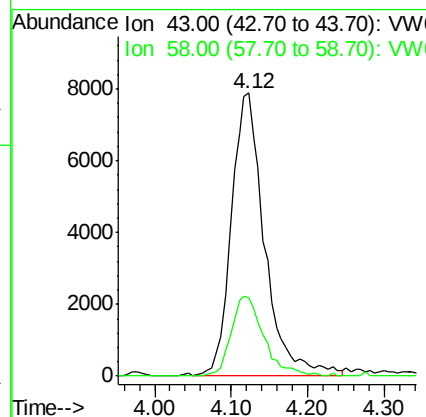
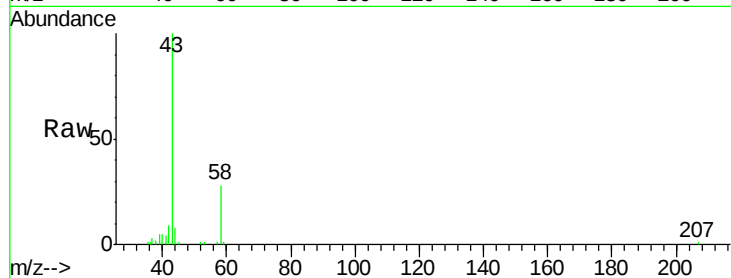
T1-G-(2.5)

Tot Ion: 43 Resp: 23726

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



#20

Methylene Chloride

Concen: 9.624 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012090.D

Acq: 22 Aug 2019 00:11

Tgt Ion: 84 Resp: 31175

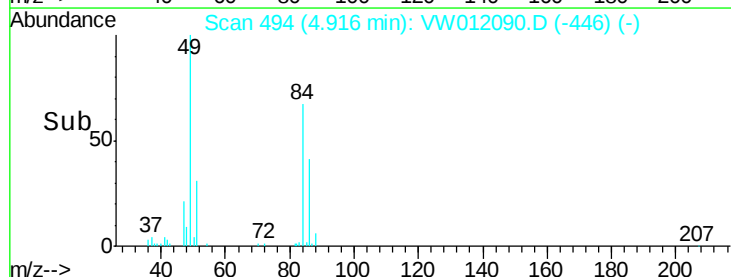
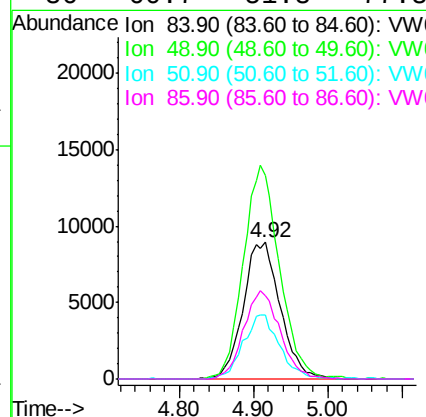
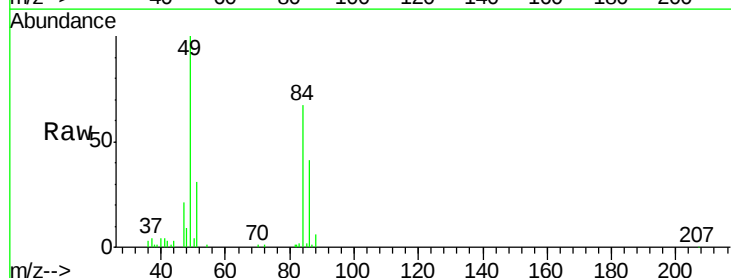
Ion Ratio Lower Upper

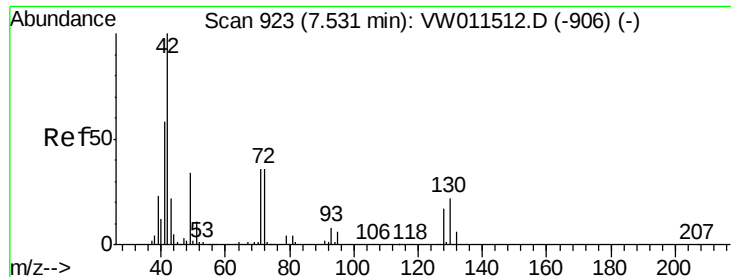
84 100

49 148.8 117.8 176.6

51 46.6 37.0 55.4

86 60.7 51.8 77.8

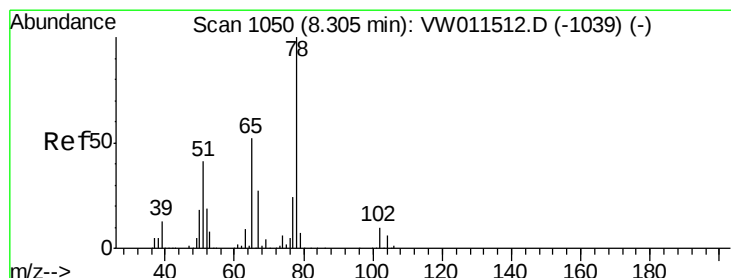
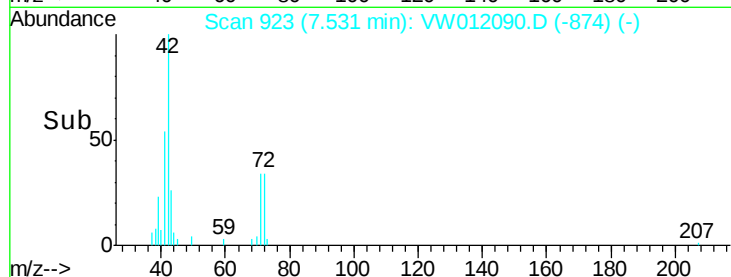
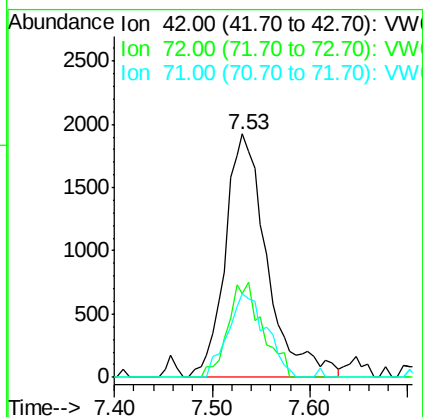
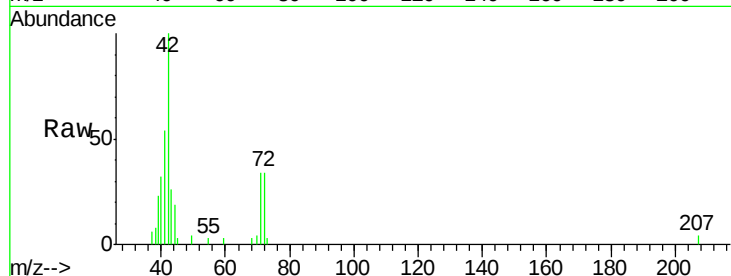




#29
Tetrahydrofuran
Concen: 8.143 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012090.D
Acq: 22 Aug 2019 00:11

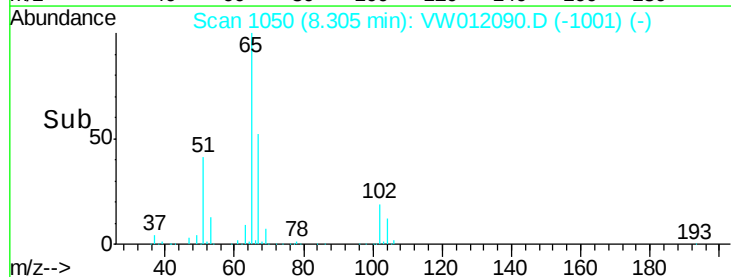
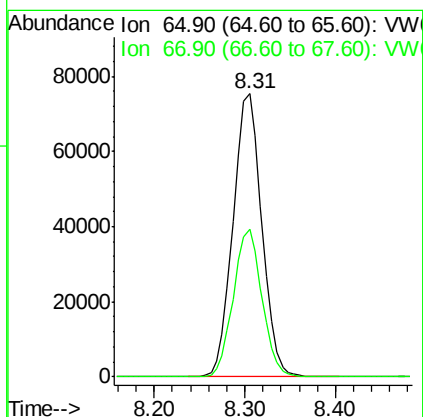
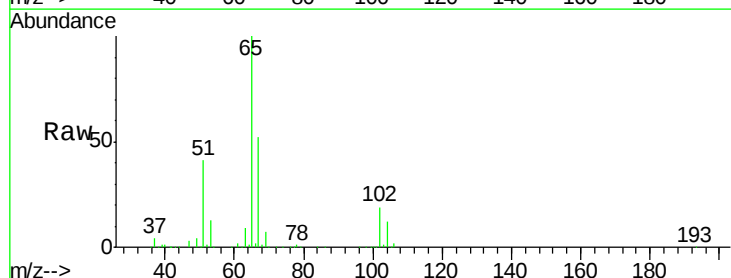
Instrument :
MSVOA_W
ClientSampleId :
T1-G-(2.5)

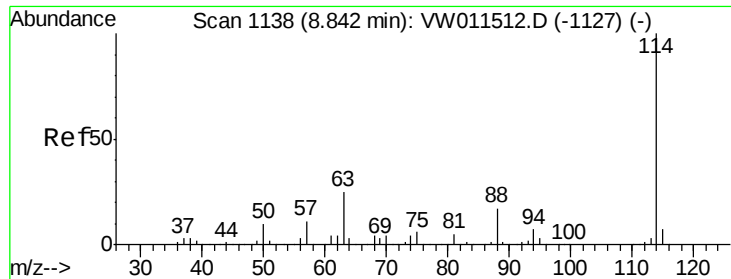
Tot Ion: 42 Resp: 5721
Ion Ratio Lower Upper
42 100
72 32.1 27.1 40.7
71 31.5 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 56.210 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012090.D
Acq: 22 Aug 2019 00:11

Tgt Ion: 65 Resp: 165980
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2

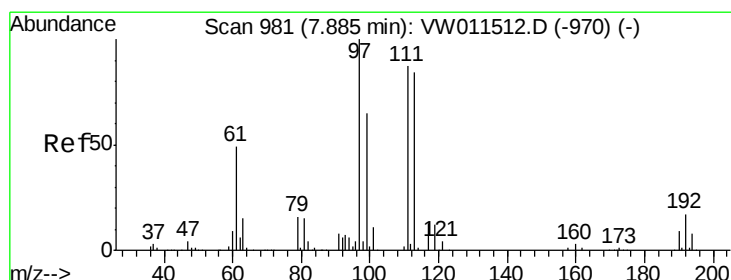
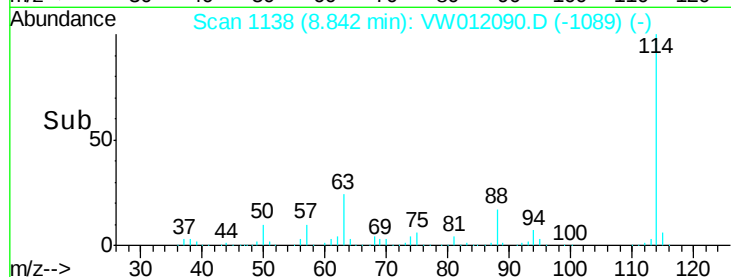
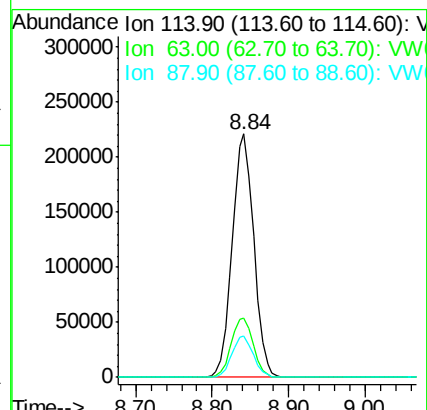
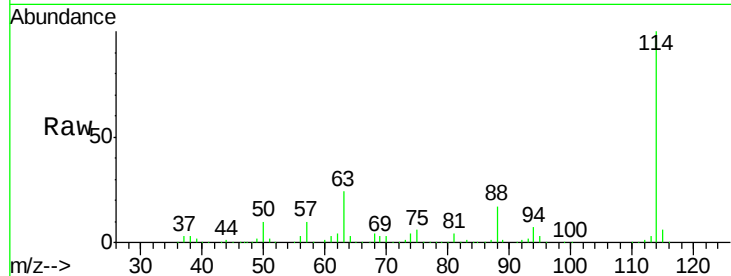




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012090.D
 Acq: 22 Aug 2019 00:11

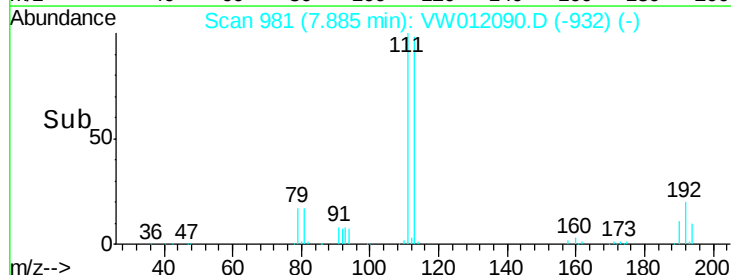
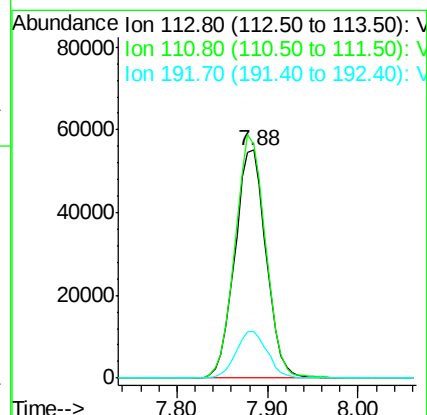
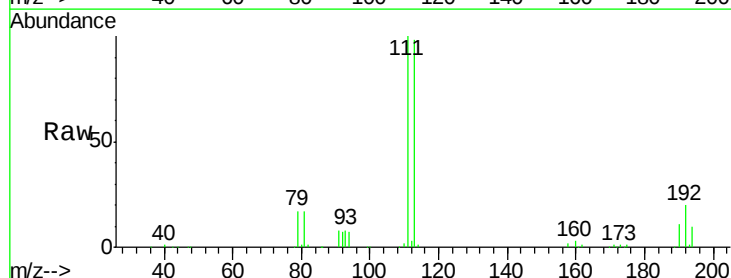
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-G-(2.5)

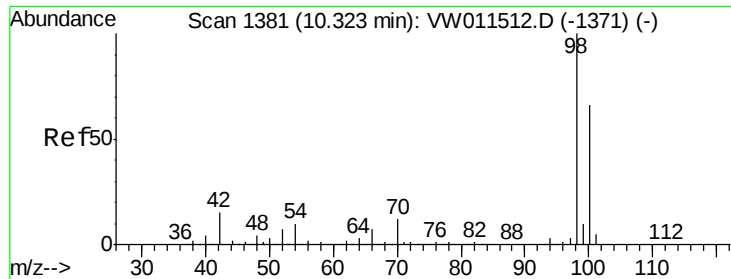
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	16.9	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 54.654 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012090.D
 Acq: 22 Aug 2019 00:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.7	124.1
192	20.5	16.1	24.1

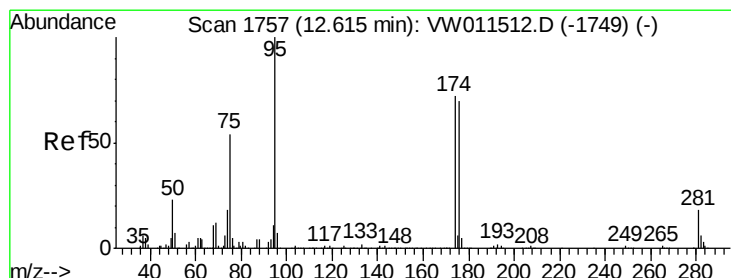
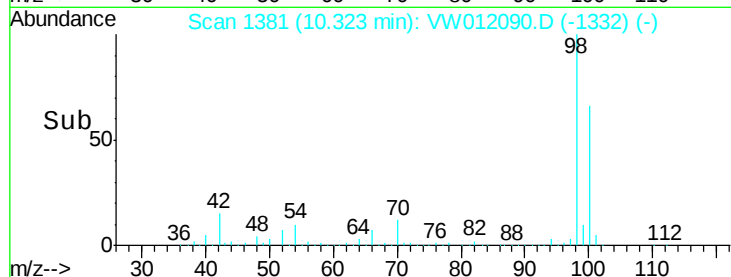
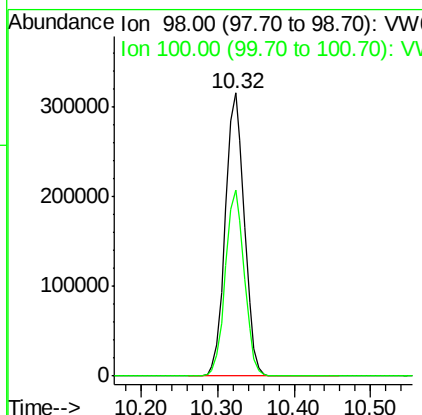
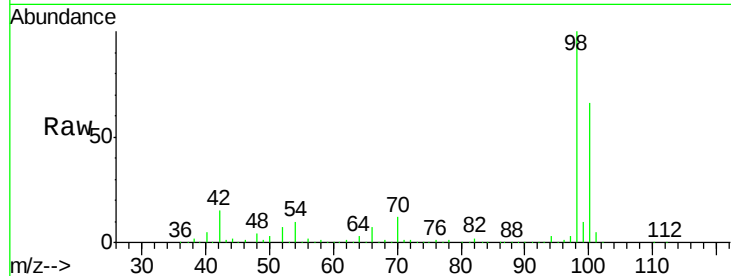




#50
Toluene-d8
Concen: 54.986 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012090.D
Acq: 22 Aug 2019 00:11

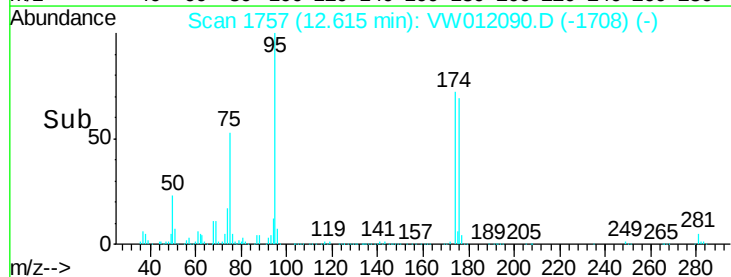
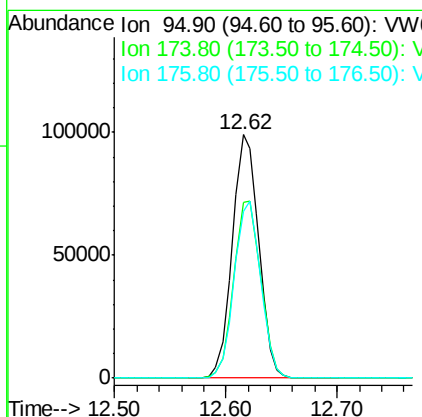
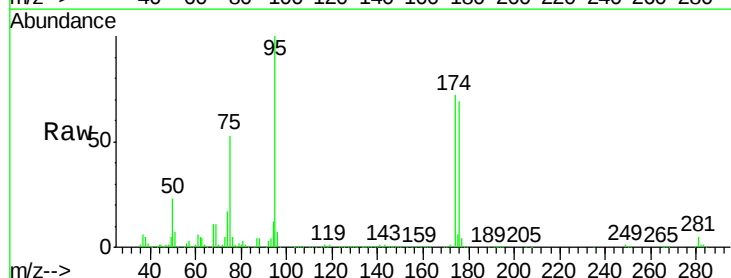
Instrument :
MSVOA_W
ClientSampleId :
T1-G-(2.5)

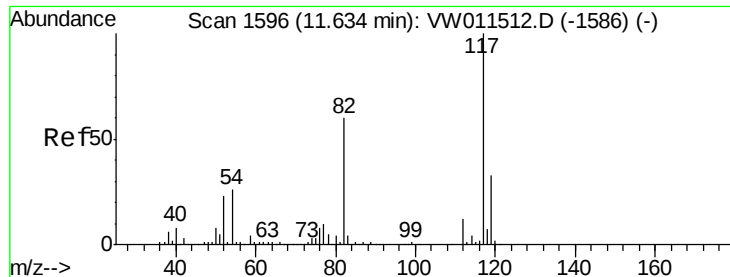
Tot Ion: 98 Resp: 544118
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012090.D
Acq: 22 Aug 2019 00:11

Tgt Ion: 95 Resp: 162380
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.2
176 73.0 0.0 144.4

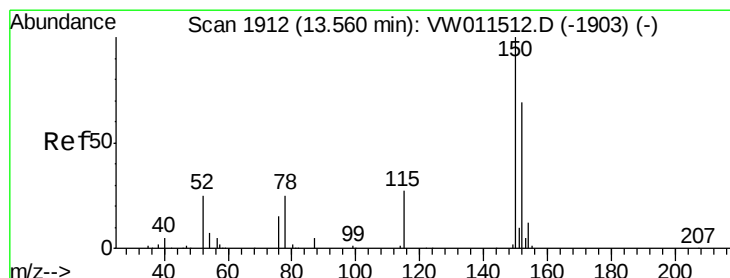
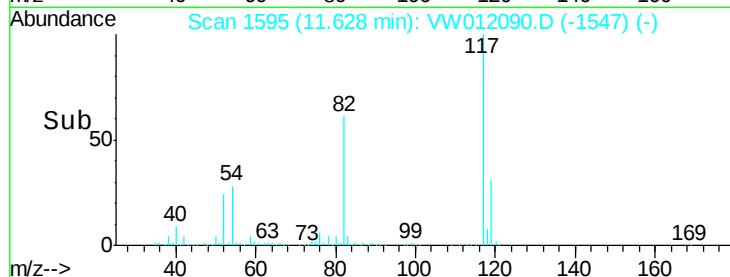
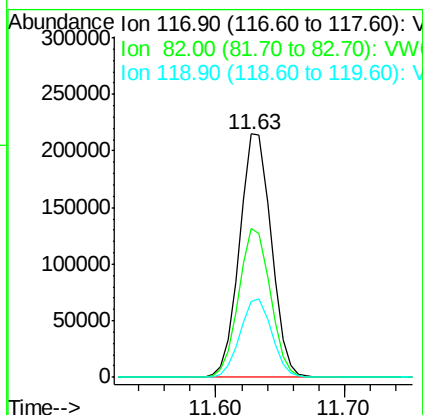
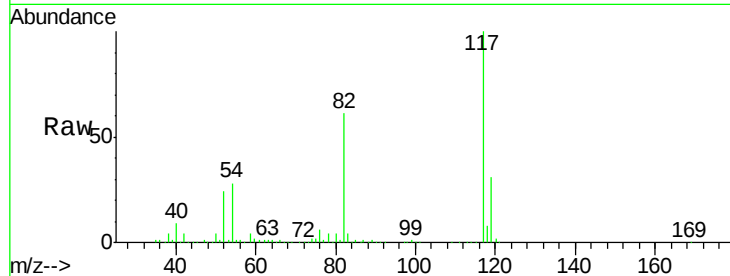




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012090.D
Acq: 22 Aug 2019 00:11

Instrument :
MSVOA_W
ClientSampled :
T1-G-(2.5)

Tot Ion:117 Resp: 367359
Ion Ratio Lower Upper
117 100
82 60.9 47.9 71.9
119 31.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012090.D
Acq: 22 Aug 2019 00:11

Tgt Ion:152 Resp: 124004
Ion Ratio Lower Upper
152 100
115 59.3 30.5 91.5
150 155.0 0.0 352.6

